

Play:	6404	Illinois Basin - Middle and Upper Ordovician Carbonate	
Province:	64	Illinois Basin	
Geologist:	Macke, D.L.		Status: confirmed

Play Attributes: Probability of Occurrence

Charge	1.00
Reservoir rock	1.00
Traps	1.00
Play Probability	1.00

Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Median	2 MMBO	BCFG
F5 of Largest Accumulat	5 MMBO	BCFG
TSP Shape Factor	4	
Mean (calculated)	1.9 MMBO	BCFG

Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):

	<u>Oil Accumulations</u>	<u>Gas Accumulations</u>
Minimum	1	0
Median	2	0
Maximum	5	0
Mean (calculated)	2.4	0.0

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Ratio of Associated-Dissolved Gas to Oil:	750 CFG/bbl
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Ratio of NGL to Non-Associated Gas:	bbl/MMCF
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Ratio of NGL to Associated-Dissolved Gas:	0 bbl/MMCF
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API Gravity (degrees):	<u>minimum</u>	<u>mean</u>	<u>maximum</u>
	28.0	38.0	43.0

Depth of Oil Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
	400	3,500	5,000

Depth of N-A Gas Accumulations (ft):	<u>minimum</u>	<u>median</u>	<u>maximum</u>
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Estimated Resources:

Oil (MMBO)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
1.00	1.10	2.30	3.80	6.40	10.30	13.40	4.60	3.00

NGL (MMBNGL)

[illegible]

Associated-Dissolved Gas (BCFG)

<u>F99</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F1</u>	<u>mean</u>	<u>s.d.</u>
0.75	0.83	1.73	2.85	4.80	7.73	10.05	3.50	2.25

Non-Associated Gas (BCFG)

[illegible]